

Title (en)

COMMUNICATION DEVICE, COMMUNICATION METHOD, AND RECORDING MEDIUM

Title (de)

KOMMUNIKATIONSVORRICHTUNG, KOMMUNIKATIONSVERFAHREN UND AUFZEICHNUNGSMEDIUM

Title (fr)

DISPOSITIF DE COMMUNICATION, PROCÉDÉ DE COMMUNICATION, ET SUPPORT D'ENREGISTREMENT

Publication

**EP 3836587 A4 20211013 (EN)**

Application

**EP 19846664 A 20190717**

Priority

- JP 2018150414 A 20180809
- JP 2019028173 W 20190717

Abstract (en)

[origin: EP3836587A1] Provided is a mechanism capable of reducing a burden on a beam selection procedure on a plurality of frequency bandwidths. A communication device includes: a setting section (151) that performs setting of beam groups defined in a plurality of frequency bandwidths, respectively; and a notification section (153) that notifies a terminal device of information regarding identicalness between the beam groups defined in the frequency bandwidths different from each other.

IPC 8 full level

**H04W 8/24** (2009.01); **H04B 7/06** (2006.01); **H04B 7/08** (2006.01); **H04W 16/28** (2009.01); **H04W 24/10** (2009.01)

CPC (source: EP US)

**H04B 7/0691** (2013.01 - EP); **H04B 7/0695** (2013.01 - EP); **H04W 16/28** (2013.01 - EP US); **H04W 24/10** (2013.01 - US); **H04W 68/005** (2013.01 - US)

Citation (search report)

- [A] US 2017366994 A1 20171221 - AKKARAKARAN SONY [US], et al
- [I] HUAWEI ET AL: "Beam measurement and reporting", vol. RAN WG1, no. Nagoya, Japan; 20170918 - 20170921, 17 September 2017 (2017-09-17), XP051338935, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN1/Docs/> [retrieved on 20170917]
- [A] QUALCOMM: "Summary on Beam Management Offline", vol. RAN WG1, no. Nagoya, Japan; 20170918 - 20170921, 20 September 2017 (2017-09-20), XP051353903, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg\_ran/WG1\_RL1/TSGR1\_AH/NR\_AH\_1709/Docs/> [retrieved on 20170920]
- See references of WO 2020031645A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3836587 A1 20210616**; **EP 3836587 A4 20211013**; JP WO2020031645 A1 20210826; US 11711702 B2 20230725; US 2021282028 A1 20210909; WO 2020031645 A1 20200213

DOCDB simple family (application)

**EP 19846664 A 20190717**; JP 2019028173 W 20190717; JP 2020536417 A 20190717; US 201917258168 A 20190717